American Recovery and Reinvestment Act of 2009

Oak Ridge Funding

U.S. DEPARTMENT OF ENERGY

Oak Ridge Office

Facts at a Glance

Background: *As a result of the American Recovery and Reinvestment Act (ARRA) signed into law by President Barack Obama on February 16, 2009, the U.S. Department of Energy's Oak Ridge Office has received over $1.7 billion for environmental cleanup, science and energy efficiency projects to be completed by 2011.*

In Environmental Management, ARRA funds will be allocated to new cleanup projects at the East Tennessee Technology Park (ETTP), the Oak Ridge National Laboratory (ORNL), the Y-12 National Security Complex, and the existing cleanup operation at the Transuranic Waste Processing Center (TWPC) in Oak Ridge. The Oak Ridge Office acquisition strategy includes the combination of using existing contracts with the Bechtel Jacobs Company, UT-Battelle, B&W Y-12, and EnergX, which will have subcontracting opportunities and new set aside prime awards, if needed. In accordance with the Recovery Act, contractors shall, to the maximum extent possible, give a preference to small business in the award of subcontracts. In the Science area, the majority of funds will be used to construct a new Chemical and Materials Sciences Facility at ORNL. Administering over 800 block grants to city and county governments comprises the Energy Efficiency and Renewable Energy component of Oak Ridge Recovery Act funding.

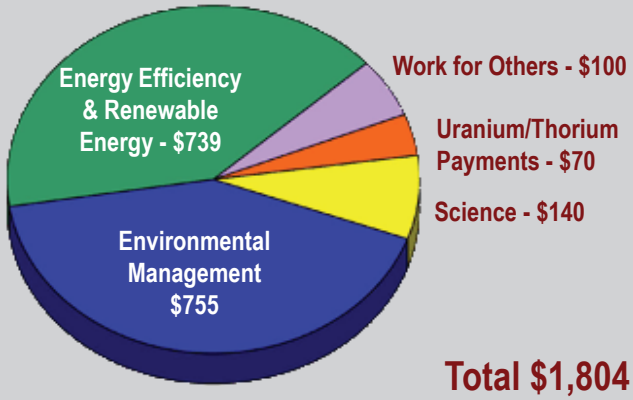
Jobs: *Up to 1,500, with sources of employment information available at:*

- *Oak Ridge National Laboratory:*
  http://www.ornl.gov/ornlhome/contractor_jobs.shtml
- *Y-12 National Security Complex:*
  http://www.y12.doe.gov/jobs/arra_jobs.php
- *East Tennessee Technology Park:*
  http://www.bechteljacobs.com/info/procure/subcontractlist.html
- *Transuranic Waste Processing Center:*
  http://www.energxllc.com/employment.htm

Sources of information: *www.energy.gov/recovery, www.em.doe.gov/emrecovery, www.sc.doe.gov, and www1.eere.energy.gov/recovery*

Where Your Money is Going in Oak Ridge...

(in millions)



Total $1,804

Environmental Management Funding

DOE sites in Oak Ridge that will receive this funding include:

Oak Ridge National Laboratory

Oak Ridge National Laboratory

This investment proposal will demolish surplus contaminated facilities and remediate contaminated soil at the ORNL. This work will:

- Complete demolition and disposition of Buildings 3026 C&D (~20,000 square feet) wooden superstructure and hot cells and demolition preparations of Building 3038 (~8,000 square feet) at Bethel Valley Isotope Facilities.

Building 3026

- Complete legacy material removal and disposition from 4 buildings (~30,000 square feet) in the ORNL Central Campus and Building 2026 Complex (~28,000 square feet).
- Complete demolition and disposition of surplus facilities at ORNL in order to release valuable real estate for redevelopment for science and technology research. Demolitions will include buildings within the 2000 Complex (~55,000

2000 Complex

square feet), the General Maintenance Facilities Complex (~46,000 square feet), and the Southeast Lab Complex (~24,000 square feet).

- Complete high priority environmental cleanup projects, including Bethel Valley Burial Grounds (7 acres), Bethel Valley Groundwater Early Actions (to include Melton Valley Monitoring Wells).
- Complete demolition and disposition of surplus facilities (~35,000 square feet) in the ORNL Small Facilities project.
- Complete removal action at the Tank W1A project (also known as Corehole 8).

Corehole 8

Y-12 National Security Complex

ARRA funding will render the highest risk facility at the Y-12 National Security Complex (Alpha-5) ready for decontamination & decommissioning (D&D) by removing all legacy material; remediate the most significant source of mercury contamination to surface water at Y-12; and demolish five dilapidated, contaminated buildings. This work will:

Y-12 National Security Complex

- Prepare the highest risk facility at Y-12 (Alpha-5) for accelerated D&D by completing all legacy material disposition (estimated at 1.1 million cubic feet) from approximately 613,000 square feet of floor space.

Alpha-5

- Eliminate the most significant source of off-site mercury transport, and the greatest environmental concern at Y-12, by completing remediation of the Y-12 storm sewers in the West End Mercury Area (WEMA).

Y-12 Salvage Yard

- Complete cleanup of the Y-12 Salvage Yard (7 acres) by removing over 31,000 cubic yards of scrap material.
- Complete removal of legacy material from the entire second floor of Y-12's Beta-4 building (84,000 square feet).
- Complete cleanup and demolition of contaminated surplus facilities totaling 150,000 square feet, including Building 9211, Building 9769, Building 9220, Building 9224, and Building 9735.

Beta-4

- Complete cleanup and demolition of the contaminated surplus Filter House for Building 9206, eliminating a criticality and Defense Nuclear Facilities Safety Board concern.
- Complete expansion of sanitary landfill for disposal of debris and other materials.

Building 9211

- Expand Environmental Management Waste Management Facility by 500,000 cubic yards to accept more demolition waste.

EMWMF

East Tennessee Technology Park

K-33 Building

ARRA funds will accelerate the demolition plans for Building K-33 (1.4 million square feet), a large former uranium enrichment facility. The funds will allow the facility to be demolished to the slab and for all associated waste to be packaged and transported to DOE disposal facilities by September 2011.

Transuranic Waste Processing Center

This investment proposal will accelerate remote-handled (RH) and contact-handled (CH) Transuranic (TRU) waste treatment on the Oak Ridge Reservation, enabling this waste to be shipped to DOE's Waste Isolation Pilot Plant near Carlsbad, New Mexico for ultimate disposition one year earlier. The facility is currently operating a single CH and RH processing shift. The proposal takes TWPC from the single CH and RH operating shift to multiple CH and RH operating shifts over an extended work week by July 2009.

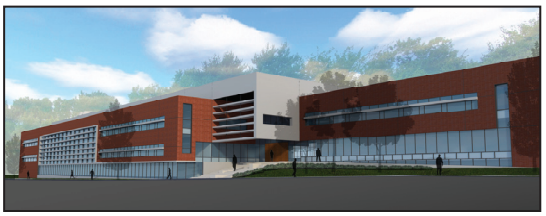
This work will:

- Process 400 cubic meters of additional CH Debris by September 30, 2011, completing CH TRU Debris processing for the current inventory.
- Process 200 cubic meters of additional RH Debris waste by May 31, 2011, completing RH Debris processing for the current inventory.

Transuranic Waste Processing Center

Science Funding

Science (SC) Funding



The majority of Recovery funds to the Science program in Oak Ridge are being used to construct the new Chemical and Material Science Building on the Oak Ridge National Laboratory. The 160,000 sq. ft. building will house the most modern technology and equipment to conduct world class research. Other Science funding will be used to upgrade the Spallation Neutron Source, the DOE BioEnergy Science Center, and numerous smaller projects.

Energy Efficiency and Renewable Energy Funding

Recovery Act funding through the DOE's Office of Energy Efficiency and Renewable Energy (EERE) in the amount of $739 million has been allocated to the Oak Ridge Office. $666 million of that total will be awarded by the Oak Ridge Office to over 800 cities and counties throughout the United States as Energy Efficiency and Conservation Block Grants. The purpose of these grants is to assist eligible entities in creating and implementing strategies to reduce fossil fuel emissions; reduce the total energy use of the eligible entities; and, to improve energy efficiency in the building, transportation, and other appropriate sectors.

Accountability

The Department of Energy will closely monitor how the ARRA funds are used, and the progress will be reported regularly so taxpayers are fully aware that the funds are being used responsibly. Taxpayers can easily watch how the Oak Ridge Office and other agencies across the government are spending the ARRA money on a newly-created Web site, located online at ***http://www.Recovery.gov***. Additional information is also available at ***www.energy.gov/recovery*** or by contacting the Office of Public Affairs at 865-576-0885.